

Patent Abstracts of Japan

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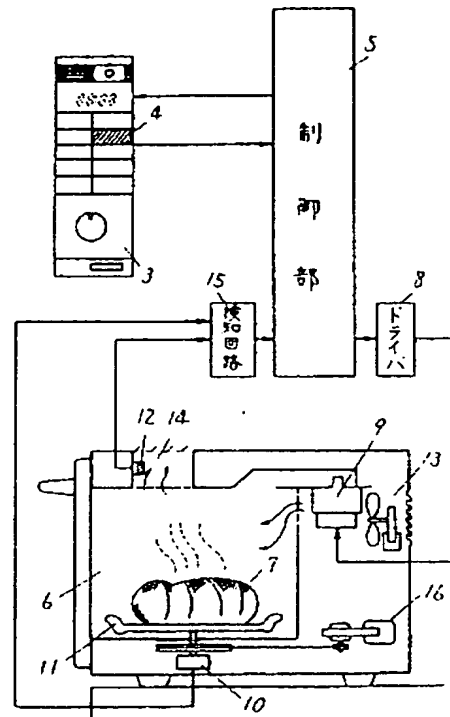
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TITLE : AUTOMATIC MICROWAVE OVEN



ABSTRACT : PURPOSE: To make possible uniform thawing and cooking of foodstuff in a short time by heating foodstuff sequentially with a weight sensor and a cooking sensor commanded by a control part.

CONSTITUTION: Power feeding to a high frequency generating mean 9 connected to a heating chamber 6 in which foodstuff to be heated is placed, is regulated by a control part 5 and the weight of the foodstuff 7 is detected by a weight sensor 10. Heating condition is detected by a cooking sensor 12 and also thawing and cooking of frozen food is commanded by a key 4. Thus, when the key 4 is operated, the control part 5 performs cooking halfway from thawing by a certain high frequency output on the basis of the weight of the foodstuff detected by the sensor 10 and then the stuff is heated repeatedly by a reduced high frequency output smaller than said frequency output and then as high frequency output is increased, the heated stuff is brought into the specified heating conditions by the sensor 12. As a result, uniform thawing and cooking are realized in a short time.

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